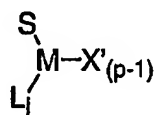


ABSTRACT OF THE DISCLOSURE

The invention relates to a process for the preparation of a hydrocarbylated metal organic compound, comprising a hydrocarbyl group, a spectator ligand and optionally a ligand, by contacting a metal-organic reagent with a spectator ligand in the presence of at least 2 equivalents of a hydrocarbylating agent. The invention further relates to a hydrocarbylated metal organic compound according to the following formula



containing a spectator ligand S equal to $(\text{Ar}-\text{Z})_s\text{Y}(-\text{Z}-\text{DR}'_n)_q$, wherein Y represents the an anionic moiety of S bonded to M of the metal-organic compound, Z an optional bridging group between the Y moiety and the DR'_n and/or Ar group, D an electron donating hetero atom chosen from group 15 or 16, R' an optional substituent, Ar an electron-donating aryl group, n the number of R' groups bonded to D, q and s integers with $q + s \geq 1$, wherein Y is an imine radical, or wherein the electron donating hetero atom containing group DR'_n is a ketimide, phosphinimide, guanidine, or iminoimidazoline, or a combination thereof.